DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
Office of Structural Materials
Quality Assurance and Source Inspection

Bay Area Branch
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Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #:   69.28

WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary	**Report No:** WIR-016478
Address: 333 Burma Road	**Date Inspected:** 29-Aug-2010
City: Oakland, CA 94607	

Project Name:	SAS Superstructure	**OSM Arrival Time:** 700
Prime Contractor:	American Bridge/Fluor Enterprises, a JV	**OSM Departure Time:** 1900
Contractor:	Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island	**Location:** Shanghai, China

CWI Name:	Xu tao / Li yan hua			**CWI Present:**	Yes	No	
Inspected CWI report:	Yes	No	N/A	**Rod Oven in Use:**	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	**Weld Procedures Followed:**	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	**Verified Joint Fit-up:**	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	**Approved WPS:**	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A

Bridge No:	34-0006	**Component:**	OBG Components

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.
BAY#19

FCAW welding of weld joint 2F-032 located on PCMK SB017-084 of SB84W the welder is identified as 062755. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

FCAW welding of weld joint 2F-026 located on PCMK SB016-078 of SB78W the welder is identified as 062808. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

FCAW welding of weld joint 2F-032 located on PCMK SB019-074 of SB74E the welder is identified as 062806. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

This QA inspector performed UT 10% of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an UT report for this date. The members are identified as OBG Suspender bracket. The weld designations reviewed as follows.
SB82W
SB017-082-001,005,007,011,018,020,025,049,061,031,055,067.

BAY#14

FCAW welding of weld joint 2F-168 located on PCMK CA3016B of Segment 13BW the welder is identified as 047866. ZPMC QC is identified as Mr. Wang wei ming. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

FCAW welding of weld joint 2F-017 located on PCMK CA3015 of Segment 13BW the welder is identified as 202122. ZPMC QC is identified as Mr. Wang wei ming. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

OUTSIDE SHOP

SMAW welding of weld joint 3G-224 located on PCMK SEG3001H of Segment 12AE the welder is identified as 0050232. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC appeared to Comply with the WPS-345-B-P-2213-Tc-U4b-FCM-1.

SMAW welding of weld joint 2G-226 located on PCMK SEG3001H of Segment 12AE the welder is identified as 044772. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC appeared to Comply with the WPS-B-P2212-Tc-U4b-FCM-1.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

WELDING INSPECTION REPORT

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
Reviewed By:	McClendon,Timothy	QA Reviewer